



Request for Proposal

Design and Implementation of the Institutional Network Architecture

The purpose of this Request for Proposal (RFP) is to enter into a contract with a firm that can provide a full end-to-end metropolitan area network (MAN) solution for Fairfax County Government and Schools. By definition, the Institutional Network (I-Net) is a dedicated fiber optic network for the Fairfax County Government and Public Schools, linking the County agencies, schools and non-county entities. Over 390 county and schools sites have been designated for the initial implementation of the I-Net.

The County is interested in obtaining a detailed network design, of which the awarded contractor will be responsible for full implementation. The design will encompass voice, video and data technologies. The design is expected to cover, in great detail, equipment requirements and specifications, backbone and distribution technology, life cycle expectancies, system configuration, and network security for video, data, and voice. The design will take into account scalability, remote monitoring and access, protocols, failover and redundant links, and videoconferencing in addition to future technologies.

RFP follows